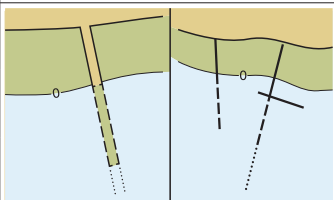
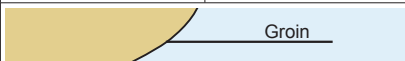



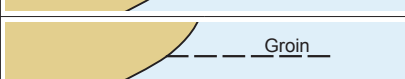







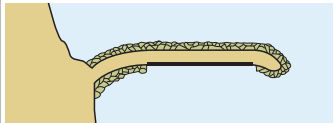
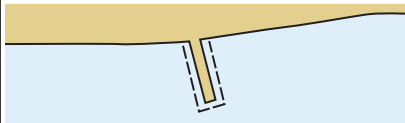


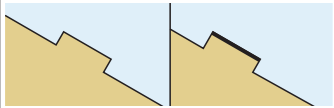




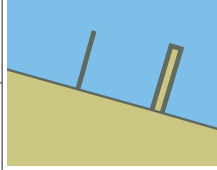
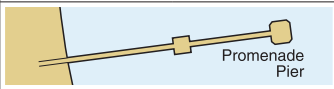









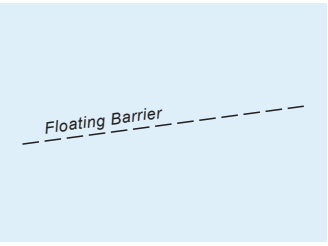


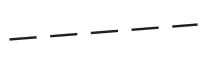

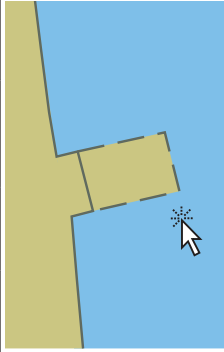
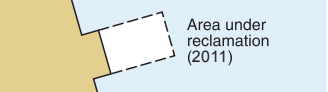

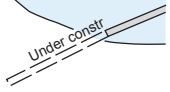
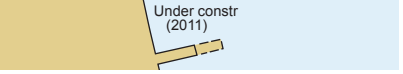
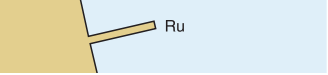

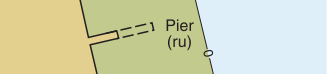




No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
Protective Structures						Supplementary national symbols: a–c
1		Dike, Levee, Berm				 Dike as a line Dike as a line, conspicuous Dike as an area
2.1		Seawall (on large scale charts)				 Seawall
2.2		Seawall (on small scale charts)				
3		Causeway				 Causeway as a line Causeway, covers and uncovers as a line Causeway as an area Causeway, covers and uncovers as an area
4.1		Breakwater (in general)				 Breakwater as a line
4.2						
4.3						
5		Training wall (partly submerged at high water)				 Training wall

F Ports

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
6.1		Groin (always dry)		Groin			Groin (always dry)
6.2		Groin (intertidal)		Groin			Groin (intertidal)
6.3		Groin (always under water)		Groin			Groin (submerged)
Harbor Installations							
Depths → I Anchorages, Limits → N Beacons and other fixed marks → Q Marina → U							
10		Fishing harbor					Fishing harbor
11.1		Boat harbor, Marina					Yacht harbor, marina
11.2		Yacht berths without facilities					
11.3		Yacht club, Sailing club					
12		Mole (with berthing facility)					Mole as a line
							Mole as an area
13		Quay, Wharf		Whf			Wharf (quay)
14		Pier, Jetty		Pier			Pier (jetty), promenade pier
15		Promenade pier					
16		Pontoon					Pontoon as a line
							Pontoon as an area
17		Landing for boats		Ldg			Landing

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
18		Steps, Landing stairs					Landing steps
19.1		Designation of berth	3	A	3		Berth number
19.2		Visitors' berth					Yacht harbor, marina
20		Dolphin					Mooring dolphin
21		Deviation dolphin					Deviation mooring dolphin
22		Minor post or pile					Pile or bollard
23		Slipway, Patent slip, Ramp					Slipway, ramp
24		Gridiron, Scrubbing grid					Gridiron
25		Dry dock, Graving dock					Dry dock
26		Floating dock				 	Floating dock as a line Floating dock as an area
27		Non-tidal basin, Wet dock					Wet dock and gate
28		Tidal basin, Tidal harbor				 	Dock Dock, under construction or ruined


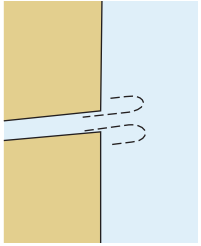
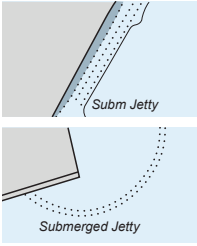


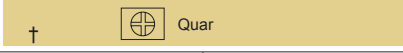
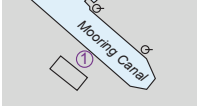
F Ports

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS	
29.1		Floating barrier, e.g. oil barrier, security barrier					Floating hazard
29.2		Oil retention barrier (high pressure pipe)					Boom Floating oil barrier, oil retention (high pressure pipe)
30		Works on land, with year date					Ruin or works under construction Year and condition of under construction or ruin is obtained by cursor pick
31		Works at sea, Area under reclamation, with year date					
32	Under construction (2011) Works in progress (2011)	Works under construction, with year date					
33.1		Ruin					
33.2		Ruined pier, partly submerged at high water					
34		Hulk					Hulk

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
Canals, Barrages						Supplementary national symbol: d
Clearances → D		Signal Stations → T	Cultural Features → B			
40		Canal				
41.1		Lock (on large scale charts)				
		Lock gate as an area				
41.2		Lock (on small scale charts)				
42		Caisson, Gate				
		Caisson as a line				
		Caisson as an area				
43		Flood barrage				
		Flood barrage as a line				
		Flood barrage as an area				
44		Dam, Weir (direction of flow shown is left to right)				
		Dam as an area				

F Ports

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
Transshipment Facilities						Supplementary national symbols: e–f
Roads → D		Railways → D	Tanks → E			
50		Roll-on, Roll-off (RoRo), Ferry Terminal				RoRo RoRo terminal
51		Transit shed, Warehouse (with designation)				 Conspicuous single building, designation is obtained by cursor pick
52		Timber yard				 Timber yard as a point Timber yard as an area
53.1		Crane with lifting capacity, Traveling crane (on railway)				 Lifting capacity is obtained by cursor pick
53.2		Container crane (with lifting capacity)				 Crane as a point Crane as an area
53.3		Sheerlegs (conspicuous)				 Crane, visually conspicuous as an area
Public Buildings						Supplementary national symbol: g
60		Harbormaster's office				 Conspicuous single building
61		Custom office				 Conspicuous single building Customs
62.1		Health office, Quarantine building				 Conspicuous single building
62.2		Hospital				
63		Post office				

No.	INT	Description	NOAA	NGA	Other NGA	ECDIS
Supplementary National Symbols						
a		Jetty (partly below MHW)				
b		Submerged jetty				
c		Jetty (on small scale charts)				
d		Pump-out facilities				
e		Quarantine office				
f		Mooring Canal				
g		Conveyor		